

Special Inspection and Testing Requirements

CNI-012

Project Name

Project Address

Permit No.

Reinforced Concrete, Gunite, Grout and Mortar:

CBC 1701.5.1

Concrete	Gunite	Grout	Mortar	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Aggregate Tests
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Reinforcing Tests
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mix Designs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Reinforcing Placement
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Batch Plant Inspection
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Inspect Placing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cast Samples
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pick-up Samples
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Compression Tests

CBC 1701.5.1 and .4

Piers	Grade Beams	Pretens	Precast	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Aggregate Tests
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Reinforcing Tests
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Tendon Tests
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mix Designs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Reinforcing Placement
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Insert Placement
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Concrete Batching
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Installation Inspection
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cast Samples
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pick-up Samples
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Compression Tests

Structural Observation by Architect or Engineer:

CBC 1702

- ☐ Foundation Observation
- ☐ Framing Observation
- ☐ Final Observation
- ☐ General Conformance Letters

Masonry:

CBC 1701.5.7

- ☐ Special Inspection Stresses Used
- ☐ Prelim. Acceptance Test (Masonry Units, Wall Prisms)
- ☐ Subsequent Tests (Mortar, Grout, Field Wall Prisms)
- ☐ Placement Inspection of Units

Plans Examiner _____ Date _____

Requirements specified by (Architect/Engineer of record) _____ Date _____

Contractor _____ Date _____

Owner _____ Date _____

Embedded Bolts or Inserts:

CBC 1701.5.2 and .15

- ☐ Bolt/Insert Placement Inspection _____ %
- ☐ Bolt/Insert Tension Test _____ %
- ☐ Bolt/Insert Shear Test _____ %
- ☐ Epoxy Mix and Placement Observation _____ %

Structural Steel / Welding:

CBC 1701.5.5 and .6

- ☐ Sample and Test (list specific members below)
- ☐ Shop Material Identification
- ☐ Welding Inspection ☐ Shop ☐ Field
- ☐ Ultra Sonic Inspection ☐ Shop ☐ Field
- ☐ High-Stress Bolting Inspection
 - ☐ A325 ☐ Shop ☐ Field
 - ☐ A490 ☐ N ☐ X ☐ F

- ☐ Metal Deck Welding Inspection
- ☐ Reinforcing Steel Welding Inspection
- ☐ Metal Stud Welding Inspection
- ☐ Concrete Insert Welding Inspection

Structural Wood:

CBC 1701.5.15

- ☐ Horizontal Diaphragms
- ☐ Shear Wall Nailing Inspection
- ☐ Inspection of Glulam Fabrication
- ☐ Inspection of Truss Joint Fabrication
- ☐ Sample and Test Components

Geotechnical/Foundation:

CBC 1701.5.11 and .13

- ☐ Soils Engineer Plan Review Acceptance Letter
- ☐ Foundation Excavation
- ☐ Pier Holes
- ☐ Site Drainage
- ☐ Fill Material
 - ☐ Placement Inspection
 - ☐ Field Density
 - ☐ Acceptance Letter
- ☐ Acceptance Letter

Fireproofing:

CBC 1701.5.10

- ☐ Placement Inspection
- ☐ Density Tests
- ☐ Thickness Tests
- ☐ Inspect Batching

Insulating Concrete:

CBC 1701.5.9

- ☐ Sample and Test
- ☐ Placement Inspection
- ☐ Unit Weights

Additional Instructions/Other Tests & Inspections:

Sonoma County Permit and Resource Management Department

2550 Ventura Avenue ❖ Santa Rosa, CA ❖ 95403-2829 ❖ (707) 565-1900 ❖ Fax (707) 565-2210